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| Form PTO/SB/08 [modified]<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT<br/>BY APPLICANT</b><br><br>(use several sheets if necessary) | Docket No.:<br>13308            | Application No.: 09/928,470 |
|  | Applicants: Lindner et al.      |                             |
|  | Filing Date:<br>August 14, 2001 | Group Art Unit: 1754        |

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | CITE<br>NO <sup>1</sup> | PUBLICATION NUMBER<br>Number- Kind Code <sup>2</sup> (if known) | PUBLICATION DATE<br>MM-DD-YYYY | NAME OF PATENTEE OR APPLICANT OF<br>CITED DOCUMENT |
|---------------------|-------------------------|---|--------------------------------|--|
| <i>JMA</i>          |                         | 3,791,143   | 02-12-1974                     | Keith et al  |
| <i>JMA</i>          |                         | 3,896,616   | 07-29-1975                     | Keith et al  |
| <i>JMA</i>          |                         | 4,407,785   | 10-04-1983                     | Pfefferle  |
| <i>JMA</i>          |                         | 5,010,051   | 04-23-1991                     | Rudy   |
| <i>JMA</i>          |                         | 5,384,300   | 01-24-1995                     | Feely  |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL | CITE<br>NO <sup>1</sup> | PUBLICATION NUMBER<br>Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) | PUBLICATION DATE<br>MM-DD-YYYY | NAME OF PATENTEE OR<br>APPLICANT OF CITED DOCUMENT |
|---------------------|-------------------------|---|--------------------------------|--|
| <i>JMA</i>          |                         | JP 62/136245  | 06-19-1987                     | Tokyo Roki Co., Ltd &<br>Mazda Motor Corp          |
| <i>JMA</i>          |                         | JP 62/068543  | 03-28-1987                     | Toyota Motor Corp                                  |
| <i>JMA</i>          |                         | JP 4287820  | 10-13-1992                     | Nissan Motor Co LTD                                |
| <i>JMA</i>          |                         | EP 0 190 883  | 08-13-1986                     | Engelhard Corporation                              |
| <i>JMA</i>          |                         | DE 40 42 079 A1   | 07-04-1991                     | Tokyo Roki Co., Ltd &<br>Mazda Motor Corp.         |

## OTHER DOCUMENTS

(including Author, Title, Date, Pertinent Pages, Etc.)

|            |   |
|------------|---|
| <i>JMA</i> | "Catalytic Materials for High-Temperature Combustion", Catal. Rev.-Sci. Eng. 35(3), 319 to 358 (1993) |
| <i>JMA</i> | SAE-Paper 930386 "Use of Light-Off Catalysts to Meet the California LEV/ULEV Standards"               |

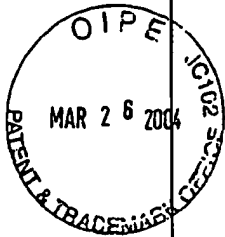
EXAMINER: *Joseph A. Skindell*

DATE CONSIDERED: 1/19/2005

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|---------------------|-------------------------|---|--------------------------------|--|
| <i>JA</i>           |                         | 5,451,388   | 09-19-1995                     | Chen et al.  |
| <i>JA</i>           |                         | 5,653,949   | 08-05-1997                     | Chen et al.  |
| <i>JA</i>           |                         | 5,643,545   | 07-01-1997                     | Chen et al.  |
| <i>JA</i>           |                         | 5,531,972   | 07-02-1996                     | Rudy   |
| <i>JA</i>           |                         | 5,552,360   | 09-03-1996                     | Farrauto   |

## FOREIGN PATENT DOCUMENTS

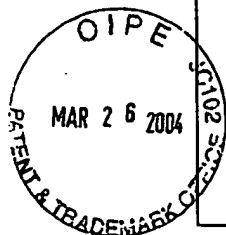
| EXAMINER<br>INITIAL | CITE<br>NO <sup>1</sup> | PUBLICATION NUMBER<br>Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) | PUBLICATION DATE<br>MM-DD-YYYY | NAME OF PATENTEE OR<br>APPLICANT OF CITED DOCUMENT |
|---------------------|-------------------------|---|--------------------------------|--|
| <i>JA</i>           |                         | EP 0796137  | 08-01-2003                     | Engelhard Corporation                              |
| <i>JA</i>           |                         | DE 19522913 A1  | 01-04-1996                     | Toyota Jidosha<br>Kabushiki Kaisah                 |
| <i>JA</i>           |                         | UK 2290488 A  | 01-03-1996                     | Toyota Jidosha<br>Kabushiki Kaisha                 |
| <i>JA</i>           |                         | DE 4406648 C 1  | 03-01-1994                     | Mercedes Benz AG                                   |

## OTHER DOCUMENTS

(including Author, Title, Date, Pertinent Pages, Etc.)

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| <p><small>1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="http://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.</small></p> <p><small>Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Alexandria, VA 22313-1450.</small></p> <p><small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small></p> |                                   |



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|---------------------|-------------------------|---|--------------------------------|--|
| <i>Jst</i>          |                         | 4,624,940   | 11-25-1986                     | Wan et al.   |
| <i>Jst</i>          |                         | 6,254,842   | 07-03-2001                     | Hu et al.  |
| <i>Jst</i>          |                         | 6,044,644   | 04-04-2000                     | Hu et al.  |
| <i>Jst</i>          |                         | 6,497,851   | 12-24-2002                     | Hu et al.  |
| <i>Jst</i>          |                         | 5,116,800   | 05-26-1992                     | Williamson et al.                                  |

## FOREIGN PATENT DOCUMENTS

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## OTHER DOCUMENTS

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| <p>1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="http://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.</p> <p>Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Alexandria, VA 22313-1450.</p> <p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> |                                   |